376

NOTIFICATION.

No. L.D. 1096-Legis. 5-52-73, Bangalore, dated 17th September 1952.

Ordered that Notification No. S.R.O. 1531, dated the 2nd September 1952 of the Ministry of Works, Housing and Supply (Central Boilers Board) amending Appendix E of the Indian Boiler Regulations, 1950, published in the *Gazette of India*, Part II, Section 3, dated the 6th September 1952, be republished in the *Mysore Gazette*, for general information.

By Order of His Highness the Maharaja,

N. R. JAYA RAO,
Legal Remembrancer and
Secretary to Government,
Law Department.

GOVERNMENT OF INDIA.

MINISTRY OF WORKS, HOUSING AND SUPPLY.

(CENTRAL BOILERS BOARD).

New Delhi, the 2nd September 1952.

S.R.O. 1531.—In exercise of the powers conferred by section 28 of the Indian Boilers Act, 1923 (V of 1923), the Central Boilers Board hereby directs that the following amendment shall be made in the Indian Boiler Regulations, 1950, the same having been previously published as required by sub-section (1) of section 31 of the said Act, namely :—

377

In Appendix E of the Indian Boiler Regulations, 1950, the following tables shall be added, namely :-

TABLE 'R'.

FLANGES FOR PIPES, VALVES AND FITTINGS.

For working Steam Pressures above 450 lb. and up to 600 lb. per sq. in.

1	1 (a)	2	3	4	5	6(b)	7
Nominal pipe size	Approximate outside diameter of wrought pipe	Diameter of flange	Diameter of bolt circle	Number of bolts	Diameter of bolts	Thickness of flange: Cast steel; steel stamped or forged) screwed or riveted on with boss, or welded on with fillet	Diameter of jointing face
in.	in.	in.	in.		in.	in.	in.
⅜	27/32	4⅛	3¼	4	5/8	⅜	2¼
½	1-1/16	4⅛	3¼	4	5/8	½	2¼
1	1-11/32	5	3⅞	4	5/8	7/8	2⅞
1¼	1-11/16	5¼	3-7/8	4	5/8	7/8	2⅞
1½	1-29/32	6	4⅝	4	¾	1	3
2	2-3/8	6½	5	8	5/8	1	3⅜
2½	3	7¼	5½	8	¾	1-1/8	4
3	3⅜	8	6⅛	8	¾	1¼	4⅜
3½	4	9	7¼	8	7/8	1⅜	5
4	4⅜	9½	7½	8	7/8	1-3/8	5½
4½	5	10	8¼	8	7/8	1½	6
5	5⅝	11	9¼	12	7/8	1-5/8	6¼
6	6⅝	12	10¼	12	7/8	1⅝	7⅜
7	7⅝	13½	11⅝	12	1	1-7/8	8½
8	8⅝	14½	12½	12	1	2	9½
9	9⅝	16	14	16	1	2-1/8	10⅝
10	10⅝	17	15¼	16	1	2¼	11⅝
11	11⅝	19	17	16	1-1/8	2-3/8	12⅝
12	12	20	18	16	1-1/8	2½	13⅝
13	14	21½	19⅜	16	1¼	2-5/8	15
14	15	23	20½	16	1¼	2¾	16
15	16	24	21½	20	1¼	2-7/8	17
16	17	25¼	23	20	1½	3	18

378

TABLE 'S'.

STEEL FLANGES FOR PIPES, VALVES AND FITTINGS.

For working steam pressures above 600 lb. and up to 900 lb. per sq.in. and temperatures up to 800° F. (427° C.)

1	1 (a)	2	3	4	5	6	7
Nominal pipe size	Actual outside diameter of wrought pipe	Diameter of flange	Diameter of bolt circle	Number of bolts	Diameter of bolts	Thickness of flange	Diameter of jointing face
in.	in.	in.	in.		in.	in.	in.
⅜	27/32	5	3⅜	4	⅝	7/8	2
½	1-1/16	5	3⅜	4	⅝	7/8	2
1	1-11/32	5⅛	4	4	⅝	1	2⅛
1¼	1-11/16	5⅛	4¼	4	⅝	1-1/8	2⅜
1½	1-29/32	6¼	4⅝	4	⅝	1-1/8	2⅝
2	2-3/8	6⅜	5½	8	⅝	1⅛	3⅛
2½	3	7¼	5⅞	8	⅝	1¼	3⅝
3	3½	8	6⅝	8	⅞	1-3/8	4¼
3½	4	9¼	7⅛	8	⅞	1⅜	4⅝
4	5	9⅝	8	8	1	1-5/8	5⅛
4½	5½	10⅜	8⅜	8	1	1-5/8	5⅝
5	6	11½	9½	12	⅞	1⅝	6⅛
6	7	12⅝	10⅝	12	1	2	7⅛
7	8⅛	14⅜	12⅛	12	1-1/8	2⅛	8⅛
8	9⅛	16½	14	12	1⅛	2⅛	9⅛
9	10⅛	17¼	15⅛	16	1-1/8	2-5/8	10⅛
10	11⅛	19	16⅝	16	1¼	2-7/8	11⅛
*10½	12⅛	21	18⅛	16	1-3/8	3-1/8	12⅛
*11½	14	22⅝	20	16	1⅜	3¼	13⅛
*12-5/8	15	24	21½	16	1½	3⅜	14⅛
*13½	16	25⅛	22⅝	20	1½	3⅝	16
*14-3/8	17	27⅛	24⅛	20	1-5/8	4	17
*15½	18	29¼	26	20	1⅝	4¼	18

*The sizes shall be specified by the outside diameter dimensions given in column 1 (a). The figures in column 1 (nominal bore) are 'approximate' and are given for information only.

TABLE T [illegible] 379

STEEL FLANGES FOR PIPES, VALVES AND FITTINGS.

(To be used in conjunction with the Notes and Appendices.)

For working steam pressures above 900 lb. and up to 1,400 lb. per sq. in. and temperatures up to 800°F. (427°C.)

1	1(a)	2	3	4	5	6	7
Nominal pipe bore	Maximum outside diameter of wrought pipe	Diameter of flange	Diameter of bolt circle	Number of bolts	Diameter of bolts	Thickness of flange	Diameter of jointing face
in.	in.	in.	in.		in.	in.	in.
¼	27/32	3½	4	4	⅝	1	2½
⅜	1-1/16	3½	4	4	⅝	1	2½
1	1-11/32	3½	4½	4	⅝	1-1/8	2½
1¼	1-11/16	6½	4⅞	4	7/8	1½	2⅞
1½	2-3/8	6⅝	5½	8	¾	1-3/8	3
2	3	7¼	5⅞	8	¾	1-3/8	3½
2½	3½	8	6⅝	8	7/8	1-5/8	4½
3	4	9½	7½	8	1	1-7/8	5
3½	4½	10⅛	8½	8	1-1/8	2-1/8	5½
4	5	11½	9½	8	1-1/8	2½	6
4½	5½	11½	10	12	1	2-3/8	6½
5	6⅛	12⅝	10⅝	12	1-1/8	2-5/8	7
6	7⅛	14⅜	12⅛	12	1¼	2-7/8	8
7	9	17	14⅛	12	1-3/8	3¼	9½
8	10⅛	18½	16	12	1½	3½	10⅝
9	11⅛	20	17⅞	16	1-3/8	3⅝	11⅝
10	12⅛	22	19¼	16	1½	4¼	12⅝

[No. M/BL. 304(79)/51.]

A. K. SEN, Secy.